

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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AMENDED REPORT	Ÿ
(highlight changes)	

	AF	PPLICATION FOR	RPERM	IIT TO	DRILL			5. MINERAL LEASE NO: ML 38867	6. SURFACE: State
1A. TYPE OF WO	rk: DRI	LL 🗹 REENTER] DE	EPEN				7. IF INDIAN, ALLOTTEE OF N/A	TRIBE NAME:
B. TYPE OF WEI	ıı: OIL 🗌 (GAS 🗹 OTHER		SINC	GLE ZONE N	IULTIPLE ZON		B. UNIT OF CA AGREEMENT Drunkards Wash	
2. NAME OF OPE			· · · · · · · · · · · · · · · · · · ·					9. WELL NAME and NUMBE	R:
3. ADDRESS OF	lips Compan	<u>y</u>			PHON	IE NUMBER:		Utah 6-1228 10. FIELD AND POOL, OR V	MLDCAT:
P.O. Box 5		CITY Midland s	TATE TX	ZIP 797		2) 688-6943		Drunkards Wash	
4. LOCATION OF	WELL (FOOTAGES)		V	. 3	9,542699		1	11. QTR/QTR, SECTION, TO MERIDIAN:	WNSHIP, RANGE,
AT SURFACE:	93' FSL & 28	87 FWL 1/07/50	<i>x</i> .	- 1	10 000000	41	. :	SWSW 6 15	S 10E
AT PROPOSED	PRODUCING ZONE:	731680	34	7	10.83169	7	ŀ		
14. DISTANCE IN	MILES AND DIRECT	ION FROM NEAREST TOWN OR	POST OFFICE:				1	12. COUNTY:	13. STATE: UTAH
4.4 miles	southwest of	Price, Utah					}	Carbon	UTAH
15. DISTANCE TO	NEAREST PROPER	RTY OR LEASE LINE (FEET)	16. N	UMBER OF	ACRES IN LEASE:		17. NUN	BER OF ACRES ASSIGNE	TO THIS WELL:
287'						1278.5			160
) NEAREST WELL (D R) ON THIS LEASE (F	ORILLING, COMPLETED, OR EET)	19. PI	ROPOSED	DEPTH:		20. BON	ID DESCRIPTION:	
1800'		, 				2,320		tewide	
	(SHOW WHETHER I	DF, RT, GR, ETC.):			ATE DATE WORK WILL S	START:	ļ	IMATED DURATION:	
5776.0' G	<u></u>		6/	1/2009	·		30 c	iays ——————	
24.		PROPO	SED CAS	SING AN	ND CEMENTING	PROGRAM			
SIZE OF HOLE	CASING SIZE, GR	RADE, AND WEIGHT PER FOOT	SETTING I	DEPTH	(CEMENT TYPE, QUA	ANTITY, YI	ELD, AND SLURRY WEIGH	 Т
15"	12 3/4 C	Conducter Conducter		40					
11	8 5/8	J55 24#			170 sxs G + 2	% CaCl 1.	18 cu.f	t./sk 15.6 pp	g
7 7/8	5 1/2	N80 17#	2310	2,490	110sxs Std Cr	nt 10	% Cals	Seal 1.61 cu.ft./s	k 14.2ppg
					160sxs50/50P	oz+8%	Bent+	10% CalSeal 1/4	12.5ppg
				_			-		
			<u> </u>		· · · · · · · · · · · · · · · · · · ·	 			
0.5				ATTAC	CHMENTS				
25.									
VERIFY THE FOL	LOWING ARE ATTAC	CHED IN ACCORDANCE WITH TH	E UTAH OIL AI	ND GAS CO	ONSERVATION GENERA	AL RULES:			
WELL PL	AT OR MAP PREPAR	RED BY LICENSED SURVEYOR OF	RENGINEER		COMPLET	E DRILLING PLAN			
EVIDENC	E OF DIVISION OF	MATER RIGHTS APPROVAL FOR	USE OF WATE	R	FORM 5, IF	OPERATOR IS PE	RSON OR	COMPANY OTHER THAN	HE LEASE OWNER
									
		A CU:			0.	. Damilatan	. 0	-1:-4	
NAME (PLEASE I	Donna V	Williams				r. Regulatory	Speci	alist	
SIGNATURE	h	aut		·. ·	DATE				
(This space for State	te use only)			- 1	Approved by	the .		RECEIV	ED
					i Itah Divisio	n ot		MAR 2 3 2	000
	:/-	and all All		O	il, Gas and I	Air in 18		· · · · · · · · · · · · · · · · · · ·	JU9
API NUMBER ASS	SIGNED: <u>43</u>	-007-31494			APPROVAL:		ט	IV. OF OIL, GAS & A	AINING
				Date	: 04-15	-09-A	•		10

(11/2001)

Range 10 East (EAST - 5259.54') South5 Township **UTM** UTAH #6-1228 ELEV. 5776.0' 286.84 (EAST - 5295.18') S89°48'45"E - 5317.92' Legend Drill Hole Location NOTES: 1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum. Metal Cap (Found) Brass Cap (Searched for, but not found) Calculated Corner AT / LONG 39°32'34.116"N GLO 110°51'06.170"W GPS Measured

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:
The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:
Basis of Elevation of 5822 being at the Northwest Section Corner of Section 12, Township 14 South, Range 9 East, Salt Lake Base and Meridian, as shown on the Price Quadrangle 7.5 minute series map.

Description of Location:
Proposed Drill Hole located in the SW/4 SW/4 of Section 6. T15S, R10E, S.L.B.&M., being 93.00' North and 286.84' East from the Southwest Section Corner of Section 6, T15S, R10E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.





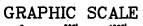
TALON RESOURCES, INC.

195 North 100 West P.O. Box 1230 Hantington, Utah \$4528 Phone (435)687-5310 Fax (435)687-5311 E-Mail talon @ ety,net

ConocoPhillips Company

WELL UTAH #6-1228 Section 6, T15S, R10E, S.L.B.&M. Carbon County, Utah

N. BUTKOVICH	Checked By: L.W.J./A.J.S.				
Drawing No.	Bate: 12/29/05				
A-1	1" = 1000'				
Sheet 1 of 4	Job No. 2131				



(IN FEET) 1 inch = 1000 ft.

EXHIBIT "D" DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
<u>Utah 6-1228</u>
<u>SW/4, SW/4, Sec.6, T15S, R10E, SLB & M</u>
<u>93' FSL, 287' FWL</u>
<u>Carbon County, Utah</u>

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 1830'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 1844' - 1957'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

4. The Proposed Casing and Cementing Programs

Hole Size	Casing Size	₩₩Ft	Grade	Joint	Depth set
14 3/4"	12 3⁄4"	40.5	H-40	ST&C	0-50'
11"	8 5/8"	24.0	J-55	ST&C	0-400'
7 7/8"	5 1/2"	17.0	N-80	LT&C	0-2310

Cementing Program

The 8 5/8" surface casing will be set with approximately 170 sacks Class G or Type V cement with 2% CaCl₂ mixed at 15.6 ppg (yield =1.18 ft³/sx). The cement will be circulated back to surface with 100% excess.

The 5 $\frac{1}{2}$ " production casing will be set and cemented using a two stage cementing process. This entails setting casing to total TD and running a DV tool to approximately 300' of the top of the Ferron.

The 1st Stage of cement will then be pumped to approximately 50' from the DV tool. After cement is pumped, the cement cap will be removed and a wiper plug installed. The cement cap will then be screwed back on and a wiper plug will be displaced to TD. The cement cap will be removed and the DV tool bomb will be dropped followed by the 2nd Stage wiper plug. (This is done to open the DV tool and establish circulation.) Once circulation is established, circulation will continue at approximately 1 bpm for 4 hours while waiting on cement (WOC). WOC at a minimum of 4 hours before beginning 2nd stage cement job. After the 2nd Stage has been pumped, a top wiper plug will be dropped and displaced with water (or water spacer and mud). Shut in well and WOC.

The 5 ½" production casing will be set with approximately 100 sacks of Standard Cement, 10% Cal Seal 60 (accelerator), 1% Calcium Chloride (accelerator), ¼ lbm/sk Flocele (lost circulation additive) with a yield of 1.61 ft³/sx at 14.2 ppg; calculated with an excess of 35% for the 1st Stage. For the 2nd stage, approximately 160 sx of 50/50 POZ Premium cement, 8% Bentonite (light weight additive), 10% Cal Seal 60 (accelerator), ¼ lbm/sk Flocele (lost circulation additive) with a yield of 1.98 ft³/sx at 12.5 ppg; calculated with an excess of 30% for the 2nd Stage.

The above cement volumes are approximate and are calculated under the assumption that a gauge hole will be achieved. If the cement does not return to surface, a cement bond log will be run to determine the top of cement. In the case where the cement is below the surface casing shoe, the casing will be perforated and squeeze cemented to the surface. If the cement is above the surface casing shoe, cement will be one-inched to the surface.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-400 11" hole Drill with air, will mud-up if necessary.
400-TD 7 7/8" hole Drill with air, will mud-up if necessary.
400 psi @ 1400-1600 cfm

7. The Testing, Logging and Coring Programs are as followed

400-TD Gamma Ray, Neutron Porosity, CBL

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is about 1018 psi max., however due to offset production pressures may be much lower. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around June 1, 2009

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

SURFACE USE PLAN

Attached to Form 3
ConocoPhillips Company
<u>Utah 6-1228</u>
<u>SW/4, SW/4, Sec.6, T15S, R10E, SLB & M</u>
<u>93' FSL, 287' FWL</u>
<u>Carbon County, Utah</u>

1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

2. Planned Access

Approximately 1400' of new access is required (Refer to Drawing L-1)

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: <u>3 culverts</u> may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

3. Location of Existing Wells

a. Refer to Drawing L-1.

4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. Ancillary Facilities

a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Drawing A-2 and L-1.
- d. Natural runoff will be diverted around the well pad.

10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

11. Surface Ownership:

a. The wellsite and access road will be constructed on lands owned by the School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities.

12. Other Information:

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately <u>2 miles</u> east.
- b. Nearest live water is the Miller Creek located 2 miles south.
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. Company Representative

Jean Semborski Construction/Asset Integrity Supervisor ConocoPhillips Company P.O. Box 851 6825 South 5300 West Price, Utah 84501 (435) 613-9777 (435) 820-9807

Excavation Contractor

Larry Jensen, Vice President Nelco Contractors Inc. (435) 637-3495 (435) 636-5268

Mail Approved A.P.D. To:

Donna Williams Sr. Regulatory Analyst ConocoPhillips Company P.O. Box 51810 Midland. Texas 79710

14 Certification

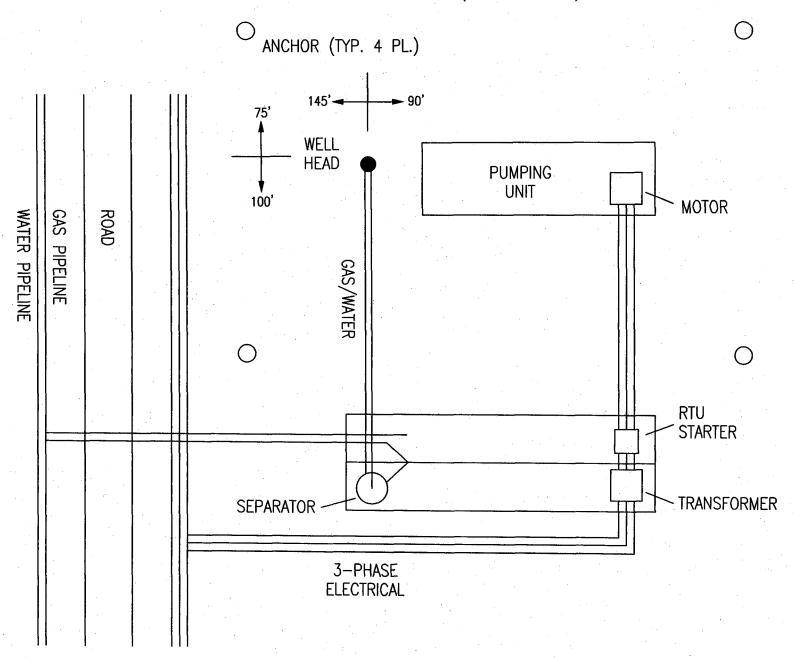
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Donna Williams

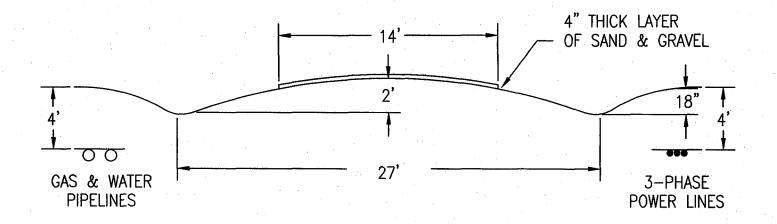
Sr. Regulatory Analyst ConocoPhillips Company

CONOCOPHILLIPS COMPANY

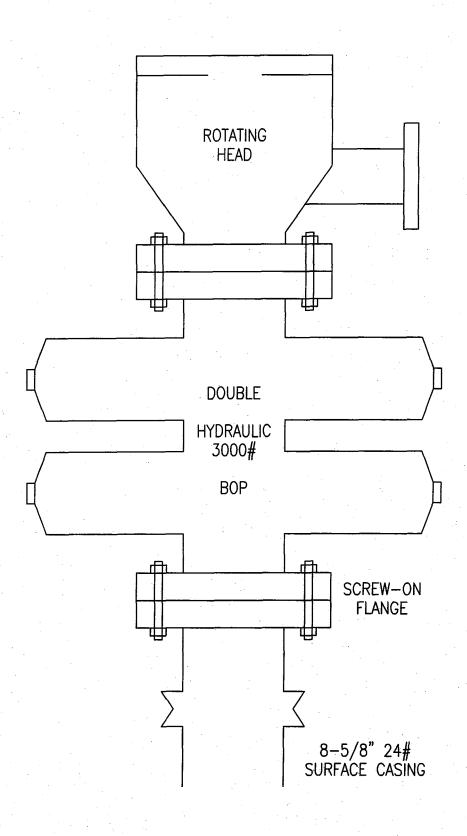
WELL SITE LAYOUT (235' x 175')



TYPICAL ROAD CROSS-SECTION CONOCOPHILLIPS COMPANY



DIVERTER HEAD CONOCOPHILLIPS COMPANY

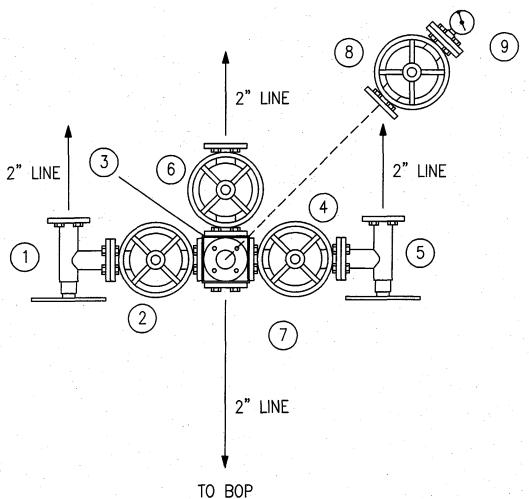


CONOCOPHILLIPS COMPANY

- 5M FLANGED CHOKE
- 5M GATE VALVE (FLANGED) 5M STUDDED CROSS
- 5M GATE VALVE (FLANGED) 5M FLANGED CHOKE
- 5M GATE VALVE (FLANGED)
- LINE
- (2) (3) (4) (5) (6) (7) (8) (9) 2" 5M GATE VALVE (FLANGED) 3000# GAUGE

NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



TO BOP AND A NEW 2" BALL VALVE FULL OPEN 5000 PSI

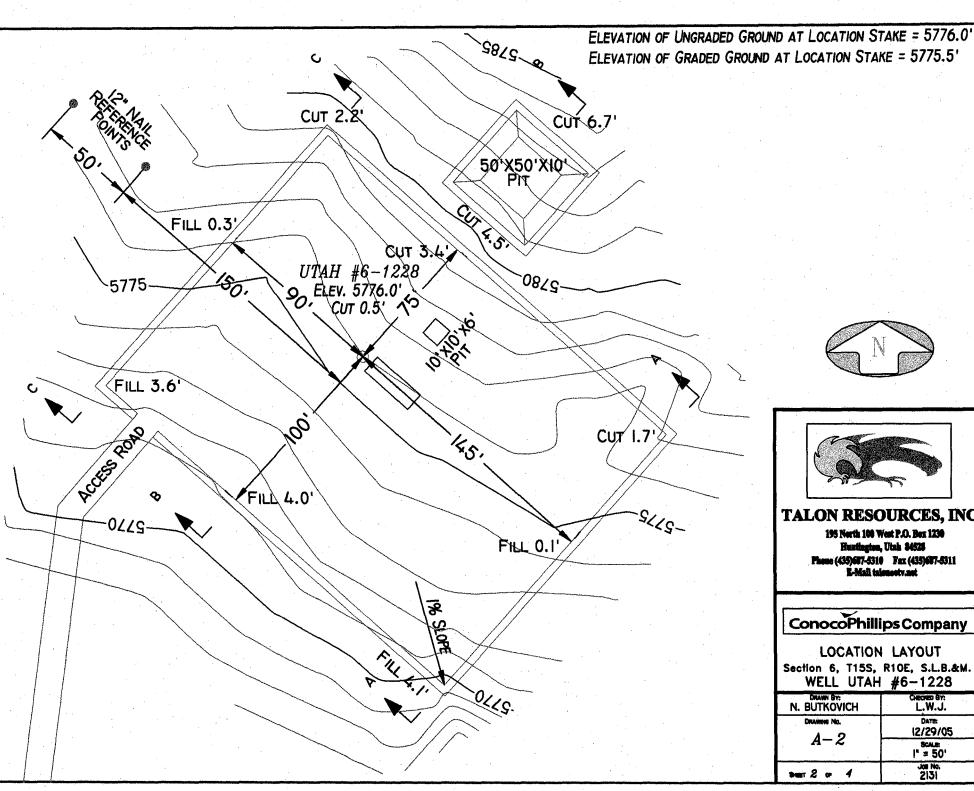
MANIFOLD

FORM 4A

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Bond No. 6196922 **SURETY BOND** KNOW ALL MEN BY THESE PRESENTS: CONOCOPHILLIPS COMPANY That we (operator name) as Principal, and (surety name) SAFECO INSURANCE COMPANY OF AMERICA as Surety, duly authorized and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of: lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and severally by these presents. THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening, repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well: Blanket Bond: To cover all wells drilled in the State of Utah Individual Bond: Well No: Section: Township: _____ Range: County: NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and requirements of the Board of Oil, Gas and Mining of the State of Utah, Including, but not limited to the proper plugging and abandonment of wells and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect. IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this (Corporate or Notary Seal here) CONOCOPHILLIPS COMPANY Principal (company name) Name (print) 4 Signature IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal day of ___ JANUARY 20_03 DELINSURANCE COMPANY OF AMERICA Surety Company (Attach Power of Attorney) (Corporate or Notary Seal here) Signature C/O MARSH USA LNO Surety Mailing Address CAROLYN E. WHEELER NOTARY PUBLIC MY COMMISSION EXPIRES: NOVEMBER 1, 2006

(5/2002)







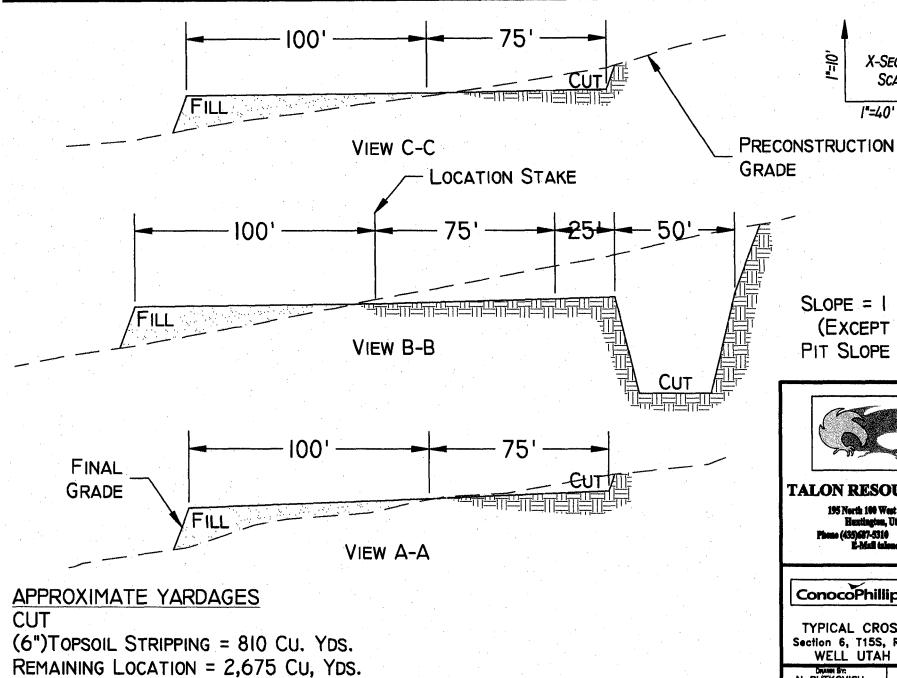
TALON RESOURCES, INC.

Huntington, Utah \$4525 Phone (435)687-5310 Fax (435)687-5311 E-Mail talementy.act

Conoco Phillips Company

LOCATION LAYOUT Section 6, T15S, R10E, S.L.B.&M. WELL UTAH #6-1228

DRAWN BY: N. BUTKOVICH	Creares By: L.,W.J.
DRAWING No.	DATE: 12/29/05
A-2	SCALE: " = 50'
****** 2 or 4	Jos No. 2131



SLOPE = 1 1/2:1 (EXCEPT PIT) PIT SLOPE = 1:1

X-SECTION **SCALE**

1"=40"



TALON RESOURCES, INC.

195 North 100 West P.O. Box 1230 Huntington, Utah 34528 Phone (435)687-5310 Fax (435)687-5311

Conoco Phillips Company

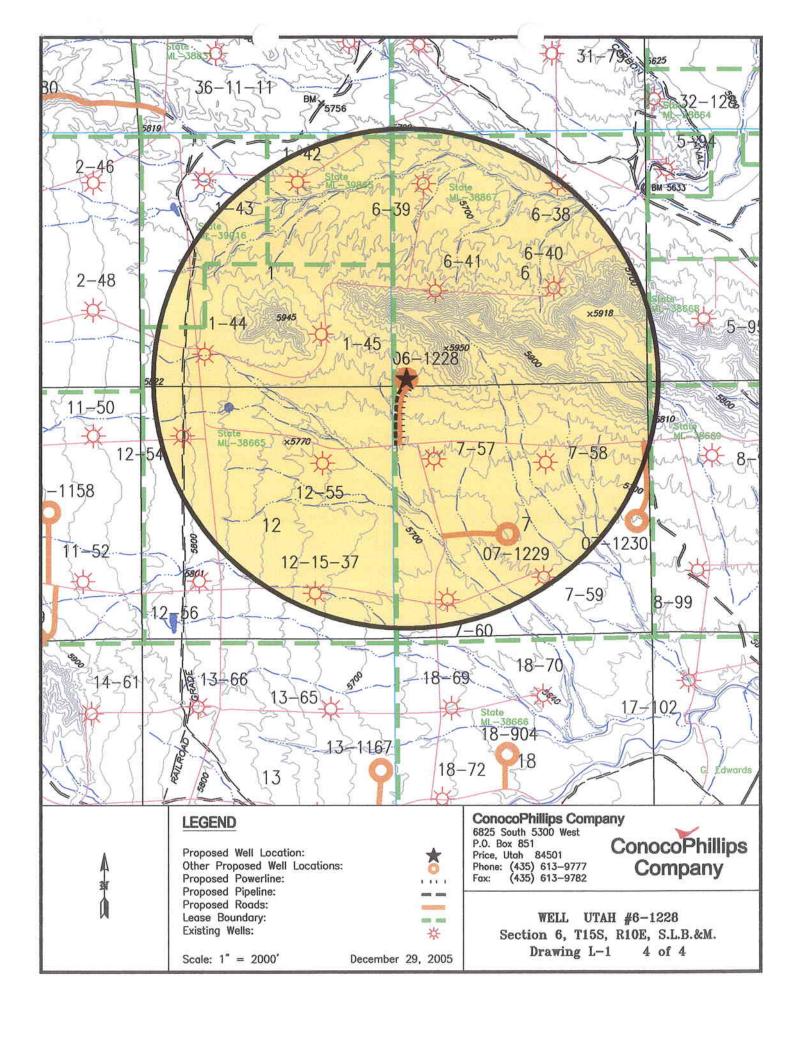
TYPICAL CROSS SECTION Section 6, T15S, R10E, S.L.B.&M. WELL UTAH #6-1228

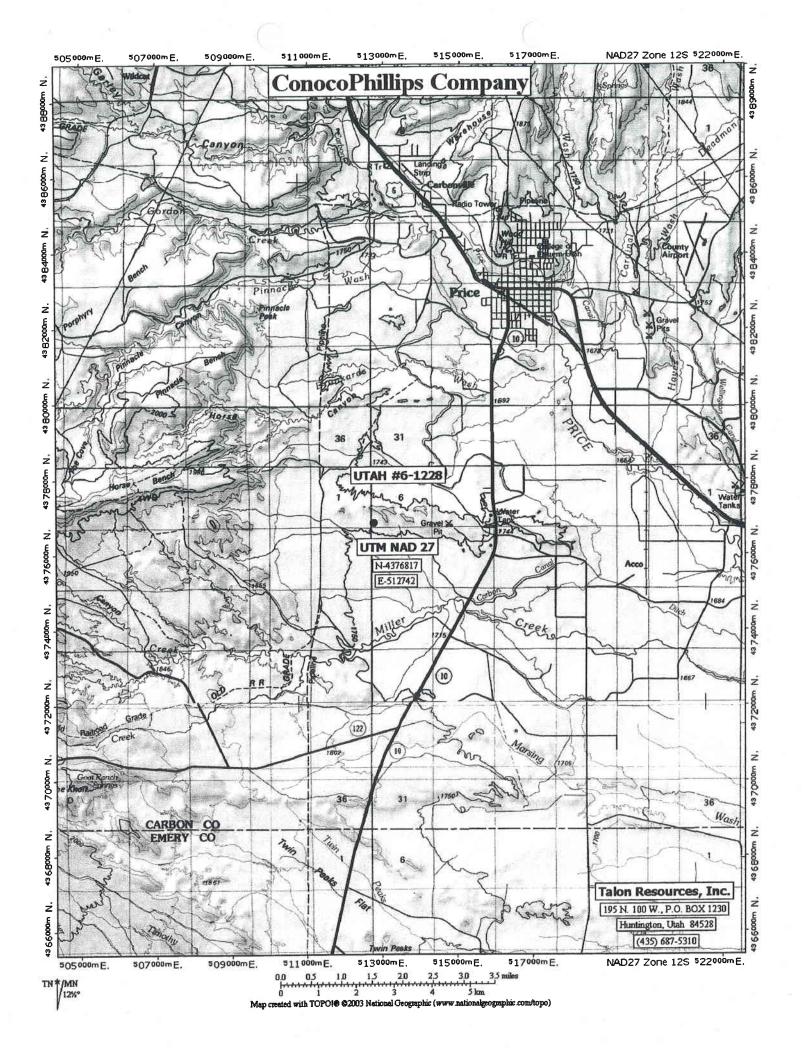
N. BUTKOVICH	L.W.J.
DRAWING No.	DATE: 12/29/05
<i>U-1</i>	Scale: " = 40'
theen 3 or 4	Joe No. 2151

(INCLUDING TOPSOIL STRIPPING)

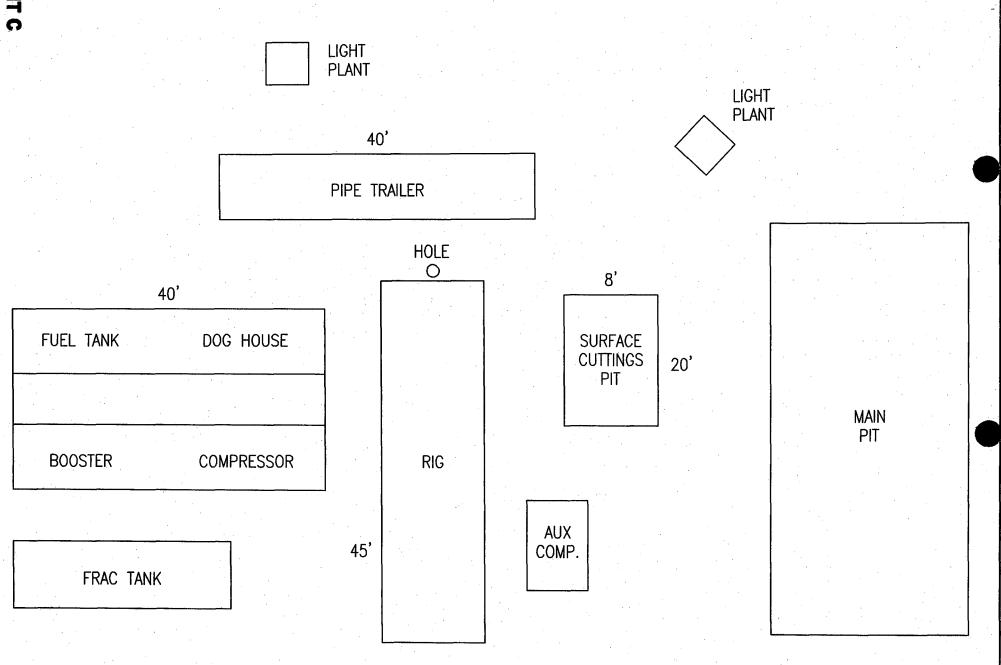
TOTAL CUT (INCLUDING PIT) = 3,425 Cu. YDS.

TOTAL FILL = 1,710 Cu. YDS.

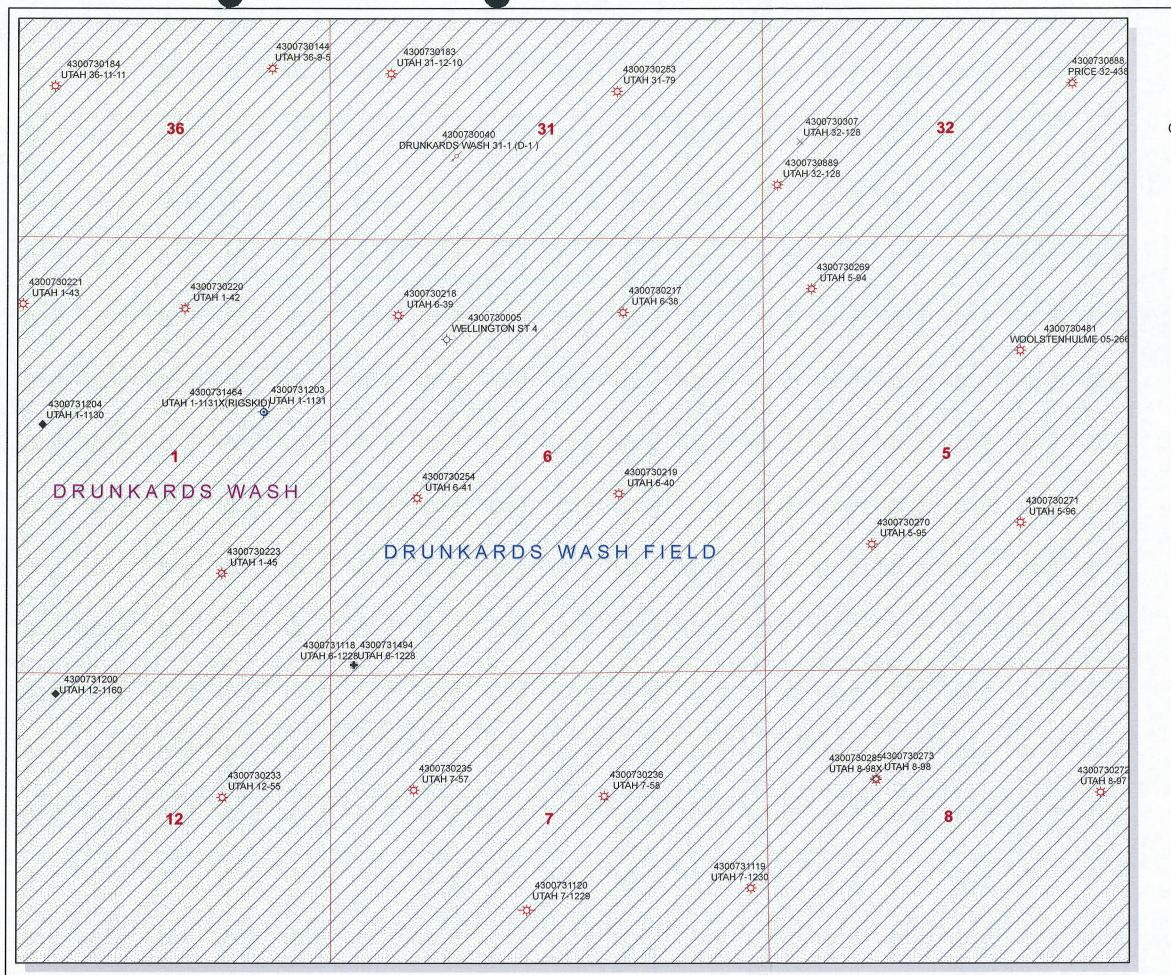




APPROXIMATE LAYOUT OF RIG & EQUIPMENT



APD RECEIVE	ED: 03/23/2009		API NO. ASSIG	NED: 43-00	7-31494
WELL NAME: OPERATOR: CONTACT:	UTAH 6-1228 CONOCOPHILLIPS COMPANY (N2335 DONNA WILLIAMS	_ <u>)</u> _	PHONE NUMBER:	432-688-694	3
PROPOSED LO	OCATION:		INSPECT LOCATN	BY: /	/
	6 150S 100E		Tech Review	Initials	Date
SURFACE: BOTTOM:			Engineering		4/10/09
COUNTY:	CARBON		Geology	17/61	1/03/01
	39.54270 LONGITUDE: -110.85169		Surface		
	EASTINGS: 512744 NORTHINGS: 4376 4E: DRUNKARDS WASH (48		Surrace		
LEASE NUMBE	3 - State ER: ML 38867 NER: 3 - State		PROPOSED FORMA!		
Plat Bond: (No. No. No. Water (No. RDCC (Date	ND/OR REVIEWED: Fed[] Ind[] Sta[] Fee[] () () () () () () () () () () () () () (H Unit:	DRUNKARDS WASH R649-3-2. Gener Siting: 460 From Or R649-3-3. Excep Drilling Unit Board Cause No: Eff Date: Siting: 4649-3-11. Dire	243-19 1 bar 65 unc	2 99 omm. Tract
COMMENTS: _		ERATO SNS t		L FRO	m THE



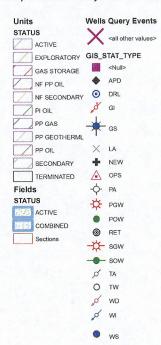
API Number: 4300731494 Well Name: UTAH 6-1228

Township 15.0 S Range 10.0 E Section 6

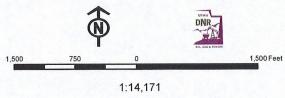
Meridian: SLBM

Operator: CONOCOPHILLIPS COMPANY

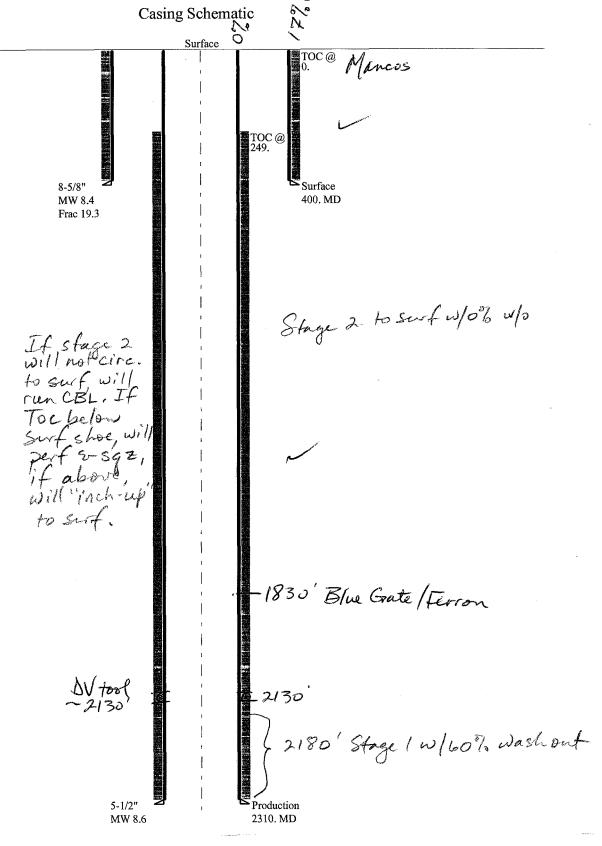
Map Prepared: Map Produced by Diana Mason







43-07314940000 ConocoPhillips Utah 6-1228



Well name:

43007314940000 ConocoPhillips Utah 6-1228

Operator:

ConocoPhillps Company

String type:

Surface

Project ID:

43-007-31494-0000

Location:

Carbon County

Design parameters:

<u>Collapse</u>

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? Surface temperature: No 65 °F

Bottom hole temperature: 71 °F Temperature gradient: 1.40 °F/100ft Minimum section length: 250 ft

Burst:

Design factor

1.00 Cement top:

Surface

<u>Burst</u>

Max anticipated surface

pressure: Internal gradient: Calculated BHP

352 psi 0.120 psi/ft 400 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.60 (J)

Premium: 1.50 (J) Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 349 ft

1.60 (J)

Re subsequent strings:

Non-directional string.

Next setting depth: Next mud weight: Next setting BHP: 2,310 ft 8.600 ppg 1,032 psi

Fracture mud wt: Fracture depth: Injection pressure: 19.250 ppg 400 ft 400 psi

Nominal End True Vert Measured Drift Internal Run Segment Depth Depth Diameter Capacity Length Weight Grade Finish Seq Size (lbs/ft) (ft) (ft) (in) (ft3) (ft) (in) 143 400 1 400 8.625 24.00 J-55 ST&C 400 7.972 **Burst Tension Tension Tension** Run Collapse Collapse Collapse **Burst** Burst Design Strength Design Load Strength Design Load Strength Load Seq **Factor** (Kips) (Kips) **Factor** (psi) **Factor** (psi) (psi) (psi) 29.09 J 1 175 7.851 400 2950 7.38 8 244 1370

Prepared

by:

Helen Sadik-Macdonald Div of Oil, Gas & Mining Phone: 801-538-5357 FAX: 810-359-3940 Date: March 26,2009 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

43007314940000 ConocoPhillips Utah 6-1228

Operator:

ConocoPhillps Company

String type:

Production

Design is based on evacuated pipe.

Project ID:

43-007-31494-0000

Location:

Collapse

Carbon County

Environment:

Collapse:

1.125 Design factor

Minimum design factors:

H2S considered?

Surface temperature:

No 65 °F

Bottom hole temperature:

97 °F

Temperature gradient:

1.40 °F/100ft

Minimum section length: 1,500 ft

B<u>urst:</u>

Design factor

1.00 Cement top: 249 ft

Burst

Max anticipated surface

pressure:

Design parameters:

Mud weight:

755 psi

8,600 ppg

Internal gradient: Calculated BHP

0.120 psi/ft 1,032 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC:

Buttress: Premium:

Body yield:

1.50 (J) 1.50 (B)

1.80 (J)

1.80 (J)

1.60 (J)

Tension is based on buoyed weight. Neutral point: 2,009 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2310	5.5	17.00	N-80	LT&C	2310	2310	4.767	301.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1032	6290	6.095	1032	7740	7.50	34	` 348	10.19 J

Prepared

by:

Helen Sadik-Macdonald

Div of Oil, Gas & Mining

Phone: 801-538-5357 FAX: 810-359-3940

Date: March 26,2009 Salt Lake City, Utah

Collapse is based on a vertical depth of 2310 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

BOPE REVIEW

ConocoPhillips Utah 6-1228 API 43-007-31494-0000

INPUT		J					
Well Name	ConocoPhillips Utah 6-1228 API 43-007-31494-0000						
	String 1 St	ring 2					
Casing Size (")	8 5/8	5 1/2					
Setting Depth (TVD)	400	2310					
Previous Shoe Setting Depth (TVD)	40.5	400					
Max Mud Weight (ppg)	8.4	8.6	-				
BOPE Proposed (psi)	0	3000					
Casing Internal Yield (psi)	2950	7740					
Operators Max Anticipated Pressure (psi)	1018	8.5	ppg 🗸				

Calculations	String 1	8 5/8	n	
Max BHP [psi]	.052*Setting Depth*MW =	175		
			BOPE Adequ	ate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	127	NO	Air drill
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	87	NO	
			*Can Full Exp	pected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe Max Bh	IP22*(Setting Depth - Previous Shoe Depth) =	96	NO	Reisonable Depti
Required Casing/BOPE Test Pressure	9	400	psi	
*Max Pressure Allowed @ Previous C	Casing Shoe =	41	psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	5 1/2	11	
Max BHP [psi]	.052*Setting Depth*MW =	1033		
			BOPE Adequate	For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	756	YES ~	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	525	YES	Air drill w/rotating head
			*Can Full Expec	ted Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe Max Bh	IP-,22*(Setting Depth - Previous Shoe Depth) =	613	NO C	5, R.
Required Casing/BOPE Test Pressur	e	2310	posi /	
*Max Pressure Allowed @ Previous (Casing Shoe =	400	psi) =	*Assumes 1psi/ft frac gradient

From:

Ed Bonner

To:

Mason, Diana

Date:

3/30/2009 7:24 AM

Subject:

Re: Fwd: ConocoPhillips APDs

CC:

Hill, Brad

Thats fine. Weve got no problem here

>>> Diana Mason 3/25/2009 6:42 AM >>>

Will these need a wells clearance?

ConocoPhillips	43-007-31486	Utah 31-1068
ConocoPhillips	43-007-31487	Utah 33-1074
ConocoPhillips	43-007-31488	Utah 11-1159
ConocoPhillips	43-007-31489	Utah 11-1157
ConocoPhillips	43-007-31490	Utah 13-1169
ConocoPhillips	43-007-31491	Utah 18-1179
ConocoPhillips	43-007-31492	Utah 19-1181
ConocoPhillips	43-007-31493	Utah 26-1197
ConocoPhillips	43-007-31494	Utah 6-1228
ConocoPhillips	43-007-31495	Utah 02-1264

>>> Brad Hill 3/24/2009 5:22 PM >>>

I guess we'll skip the onsites on these.

>>> Mark Jones 3/24/2009 4:55 PM >>>

I've looked these over. As you mentioned they are re-submittals. The locations are already built from the previous permit we issued. I've looked at the paperwork and no changes seem to have been made to the location layouts. I see no reason to do onsites on these. Most of these I have been to since the first of the year doing routine inspections for anyway and there have been no issues.

Mark L. Jones Utah DOGM

>>> Brad Hill 3/23/2009 3:08 PM >>>

Mark

Would you take a look at these and give me your opinion on whether or not we should do a new onsite. These are all resubmittals,



Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 15, 2009

ConocoPhillips Company P O Box 51810 Midland, TX 79710

Re:

Utah 6-1228 Well, 93' FSL, 287' FWL, SW SW, Sec. 6, T. 15 South, R. 10 East,

Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31494.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Carbon County Assessor

SITLA

Bureau of Land Management, Price Field Office



Operator:	ConocoPhillips Company	
Well Name & Number	Utah 6-1228	
API Number:	43-007-31494	
Lease:	ML 38867	
		,

Sec. 6

T. <u>15 South</u> **R.** <u>10 East</u>

Conditions of Approval

1. General

Location: SW SW

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to spudding the well contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well contact Dustin Doucet
- Any changes to the approved drilling plan contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

• Dan Jarvis at:

(801) 538-5338 office

(801) 942-0871 home

• Carol Daniels at:

(801) 538-5284 office

• Dustin Doucet at:

(801) 538-5281 office

(801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2 43-007-31494 April 15, 2009

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. The Operator shall comply with the Conditions of Approval from the original on-site review.

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL GAS AND MINING

		DIVISION OF OIL	, GAS AND MII	NING				SE DESIGNATION AND SERIAL NUMBER: 38867	
SUNDRY NOTICES AND REPORTS ON WELLS 6. IF INDIAN, ALLOTTEE OR TRIBE N N/A									
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.						h, reenter plugged wells, or to s.	7. UNIT OF CA AGREEMENT NAME: Drunkards Wash UTU67921X		
1. T	YPE OF WELL OIL WELL						8. WELL NAME and NUMBER: Utah 6-1228		
	AME OF OPERATOR: DNOCOPhillips Company						9. API	NUMBER: 0731494	
	DDRESS OF OPERATOR:	-				PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:		
P.0	D. Box 51810	. _Y Midland	STATE TX ZIP	79710		(423) 688-6943		nkards Wash	
	OCATION OF WELL OOTAGES AT SURFACE: 93' FS	SL & 287 FWL					COUNT	y: Carbon	
C	TR/QTR, SECTION, TOWNSHIP, RAN	em sym	e nu si kanika ni mb	0E			STATE	UTAH	
11,		ROPRIATE BOXE	S TO INDICAT	E NATU	JRE (OF NOTICE, REPO	RT, O	R OTHER DATA	
	TYPE OF SUBMISSION	 				PE OF ACTION			
√	NOTICE OF INTENT	ACIDIZE			PEN			REPERFORATE CURRENT FORMATION	
	(Submit in Duplicate)	ALTER CASING		=	CTURE		닠	SIDETRACK TO REPAIR WELL	
	Approximate date work will start:	CASING REPAIR	OLIO DI ANO			TRUCTION	님	TEMPORARILY ABANDON	
	10/19/2009	CHANGE TO PREVI	OUS PLANS			CHANGE		TUBING REPAIR	
	SUBSEQUENT REPORT	CHANGE WELL NAME	ME		IG AND F	ABANDON		VENT OR FLARE	
	(Submit Original Form Only)	CHANGE WELL STA				ON (START/RESUME)		WATER DISPOSAL WATER SHUT-OFF	
	Date of work completion:		OUCING FORMATIONS			ON OF WELL SITE			
		CONVERT WELL TY				TE - DIFFERENT FORMATION	ш	OTHER:	
10	DESCRIPE PROPOSED OF O		·	<u> </u>					
	DESCRIBE PROPOSED OR CO		•			- , . ,	·	will not be drilled.	
	HE /DI EASE DO NT. Donna Wi	illiams —				Sr. Regulatory Sp	neciali	et	
	NATURE LONG WITH				DATE	10/14/2000	, colali		
			<u> </u>						

(This space for State use only)

RECEIVED OCT 19 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			FORM 9			
			5.LEASE DESIGNATION AND SERIAL NUMBER: ML 38867			
SUNDRY NOTICES AND REPORTS ON WELLS					IDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.				or CA AGREEMENT NAME: (ARDS WASH	
1. TYPE OF WELL Gas Well					L NAME and NUMBER: 6-1228	
2. NAME OF OPERATOR: CONOCOPHILLIPS COMPANY					NUMBER: 314940000	
3. ADDRESS OF OPERATOR: P.O. Box 51810 , Midland, TX,	, 79710 1810 432 688-6		HONE NUMBER: ext	9. FIELD and POOL or WILDCAT: DRUNKARDS WASH		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0093 FSL 0287 FWL				COUNT CARBO		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 6	IP, RANGE, MERIDIAN: Township: 15.0S Range: 10.0E Meridian	n: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPORT,	OR OTH	HER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
✓ NOTICE OF INTENT	☐ ACIDIZE		ALTER CASING		CASING REPAIR	
Approximate date work will start: 4/12/2010	CHANGE TO PREVIOUS PLANS	_	CHANGE TUBING		CHANGE WELL NAME	
	☐ CHANGE WELL STATUS	_	COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE NEW CONSTRUCTION	
SUBSEQUENT REPORT Date of Work Completion:	OPERATOR CHANGE	_	PLUG AND ABANDON		PLUG BACK	
	PRODUCTION START OR RESUME	_	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
	☐ TUBING REPAIR		VENT OR FLARE		WATER DISPOSAL	
DRILLING REPORT	☐ WATER SHUTOFF		SI TA STATUS EXTENSION	1	APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION		OTHER	отн	ER:	
12. DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show all p	ertinen	t details including dates, depths,	volumes,	etc.	
	any respectfully request to e	exten				
	to Drill for an additional y	ear.			pproved by the Jtah Division of	
					, Gas and Mining	
					_	
			D	ate:_	May 03, 2010	
			E	3y: <u></u>	LOS GILLI	
					W	
NAME (PLEASE PRINT) Donna Williams	PHONE NUMBE 432 688-6943	R	TITLE			
SIGNATURE N/A	.52 550 55.5		DATE 4/29/2010			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43007314940000

API: 43007314940000 Well Name: UTAH 6-1228

Location: 0093 FSL 0287 FWL QTR SWSW SEC 6 TWNP 150S RNG 100E MER S

Company Permit Issued to: CONOCOPHILLIPS COMPANY

Date Original Permit Issued: 4/15/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that requ

uire revi	sion. Following is a ched	klist of some i	tems related to th	e application	, which should be v	rerified.
	ated on private land, has ed? 📗 Yes 📵 No	the ownership	p changed, if so, h	nas the surfac	e agreement been	
	any wells been drilled in requirements for this lo			ll which woul	d affect the spacing	g or
	nere been any unit or ot s proposed well? 🧻 Yo		s put in place tha	t could affect	the permitting or o	peratio
	there been any changes the proposed location?			vnership, or ı	ightof- way, which	could
• Has th	ne approved source of w	ater for drilling	g changed? 🔘 🕦	res 📵 No		
	there been any physical je in plans from what wa					re a
• Is bor	nding still in place, whic	h covers this p	roposed well? 🌘		Approved by the Utah Division of Oil, Gas and Min	of
nature:	Donna Williams	Date:	4/29/2010			
Title:	Sr. Regulatory Specialist	Representing:	CONOCOPHILLIPS	COMPAN Pate	May 03, 2010)
	- , ,			ì	00 00 0	

Sig

By: Dollar

Sundry Number: 14278 API Well Number: 43007314940000

	STATE OF UTAH				FORM 9	
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEAS ML 38	E DESIGNATION AND SERIAL NUMBER: 867	
SUNDRY NOTICES AND REPORTS ON WELLS					IDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.				or CA AGREEMENT NAME: KARDS WASH	
1. TYPE OF WELL Gas Well					L NAME and NUMBER: 6-1228	
2. NAME OF OPERATOR: CONOCOPHILLIPS COMPANY				9. API NUMBER: 43007314940000		
3. ADDRESS OF OPERATOR: P.O. Box 51810 , Midland, TX,			UMBER: ixt	9. FIELD and POOL or WILDCAT: DRUNKARDS WASH		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0093 FSL 0287 FWL				COUNTY: CARBON		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 06	IP, RANGE, MERIDIAN: 6 Township: 15.0S Range: 10.0E Meridiar	n: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPORT,	OR OTI	HER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
_	ACIDIZE		ALTER CASING		CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME	
4/11/2011	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE	
SUBSEQUENT REPORT	☐ DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK	
	☐ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	□ :	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
	☐ TUBING REPAIR		VENT OR FLARE		WATER DISPOSAL	
☐ DRILLING REPORT	□ WATER SHUTOFF	<u> </u>	SI TA STATUS EXTENSION	1	APD EXTENSION	
Report Date:	□ WILDCAT WELL DETERMINATION		OTHER	отн	FD.	
			_		<u> </u>	
	ompleted operations. Clearly show all persons one additional year.				approved by the	
					Jtah Division of I, Gas and Mining	
			D	ate:	04/14/2011	
			E	v: D	.005y/ll	
					W	
NAME (PLEASE PRINT) Donna Williams	PHONE NUMBER 432 688-6943	R	TITLE Sr. Regulatory Specialist			
SIGNATURE	132 000 0515		DATE			
N/A			4/11/2011			

Sundry Number: 14278 API Well Number: 43007314940000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43007314940000

API: 43007314940000 **Well Name:** UTAH 6-1228

Location: 0093 FSL 0287 FWL QTR SWSW SEC 06 TWNP 150S RNG 100E MER S

Company Permit Issued to: CONOCOPHILLIPS COMPANY

Date Original Permit Issued: 4/15/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No

Signature: Donna Williams Date: 4/11/2011

Title: Sr. Regulatory Specialist Representing: CONOCOPHILLIPS COMPANY



Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

June 14, 2012

ConocoPhillips Company P.O. Box 51810 Midland, TX 79710-1810

Re:

<u>APD Rescinded – UTAH 6-1228, Sec. 6, T.15S, R.10E, Carbon County, Utah API No. 43-007-31494</u>

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on April 15, 2009. On May 3, 2010 and April 14, 2011 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 14, 2012.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Environmental Scientist

cc:

Well File

SITLA, Ed Bonner

